

Title (en)
Child-resistant closure

Title (de)
Kindersicherer Verschluss

Title (fr)
Fermeture avec système de sécurité-enfants

Publication
EP 0602925 B1 19980304 (EN)

Application
EP 93310044 A 19931213

Priority
US 99105392 A 19921215

Abstract (en)
[origin: EP0602925A2] A two-piece child-resistant closure utilises a particular ratchet configuration of ratchet teeth (24, 26) and ramps (32) which due to the relative placement of the elements thereof provides negligible reverse torque during undepressed counter-clockwise rotation of the outer closure member. Negligible reverse torque is defined as the torque caused by frictional contact of outer (12) and inner (14) caps when the undepressed closure is turned in the removal direction being insufficient to cause undesired or accidental removal of the closure from the container.
<IMAGE>

IPC 1-7
B65D 50/04

IPC 8 full level
B65D 50/04 (2006.01)

CPC (source: EP US)
B65D 50/041 (2013.01 - EP US)

Cited by
WO0156894A2; DE102012110572A1; DE102014106363A1; WO0174683A1; WO2015073256A1

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EP 0602925 A2 19940622; EP 0602925 A3 19941228; EP 0602925 B1 19980304; AT E163615 T1 19980315; AU 5221593 A 19940630; AU 660401 B2 19950622; CA 2111453 A1 19940616; CA 2111453 C 20070206; DE 69317233 D1 19980409; DE 69317233 T2 19980625; DK 0602925 T3 19980330; ES 2112969 T3 19980416; GR 3026513 T3 19980731; US 5280842 A 19940125

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EP 93310044 A 19931213; AT 93310044 T 19931213; AU 5221593 A 19931207; CA 2111453 A 19931214; DE 69317233 T 19931213; DK 93310044 T 19931213; ES 93310044 T 19931213; GR 980400697 T 19980403; US 99105392 A 19921215